

OCT-01-03 15:07 From:

T-384 P.09/14 Job-336

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application No.	09/989,682
Filing Date:	November 20, 2001
First Named Inventor	Mjan et al.
Group Art Unit	1641
Examiner Name	
Attorney Docket No.	95,1408-JJJ

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentes or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
		4,729,862		Salatiello et al.	July 21, 1981	
		4,361,291		Ekins et al.	April 26, 1983	
		4,515,889		Klose et al.	May 7, 1985	
		4,676,952		Edelmann et al.	June 30, 1987	
		4,745,072		Ekins	May 17, 1988	
		5,180,702		Kopf-Sill	November 3, 1992	
		5,171,695		Ekins	December 15, 1992	
		5,173,262		Burtis et al.	December 22, 1992	
		5,242,803		Burtis et al.	September 7, 1993	
		5,409,685		Burd	April 25, 1995	
		5,413,732		Buhl	May 9, 1996	
		5,432,009		Tabata	July 11, 1995	
		5,472,603		Schembri	December 5, 1995	
		5,006,749		White	April 8, 1991	
		5,262,294		Kroy	October 12, 1993	
		5,304,487		Wilding	April 19, 1994	
		5,368,704		Madou	November 29, 1994	
		3,879,367		Negersmith	July 26, 1972	
		4,940,627		Kazlauskas et al.	July 10, 1990	
		4,515,889		Klose et al.	May 7, 1985	
		5,426,032		Phillips et al.	June 20, 1995	
		4,154,793		Gulgan	May 15, 1979	

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SignatureDate
Considered

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T-364 P.10/14 Job-336

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application No.	09/989,582		
		Filing Date:	November 20, 2001		
		First Named Inventor	Mian et al.		
		Group Art Unit	1641		
		Examiner Name			
Sheet	2	of	6	Attorney Docket No.	95,140B-JJJ

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
		5,188,844		Burd	February 18, 1993	
		5,122,284		Braynin et al.	June 18, 1992	
		5,304,348		Burd et al.	April 19, 1994	
		5,457,053		Burd et al.	October 10, 1995	
		5,478,750		Bernstein et al.	December 28, 1995	
		5,591,843		Schembri et al.	January 7, 1997	
		5,518,930		Burd et al.	May 21, 1996	
		5,472,603		Schembri et al.	December 5, 1997	
		5,693,233		Schembri	December 2, 1997	
		5,498,520		Kelton et al.	March 5, 1996	
		5,061,381		Burd	October 29, 1991	
		5,242,606		Braynin et al.	September 7, 1993	
		5,403,416		Schembri	April 4, 1995	
		5,173,193		Schembri	December 22, 1992	
		5,275,016		Chatterjee et al.	January 4, 1994	
		5,624,597		Buhl et al.	April 29, 1997	
		5,699,411		Schembri	February 4, 1997	
		5,639,428		Cottingham	June 17, 1997	
		6,319,489		Mian et al.	November 20, 2001	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application No.	09/389,582
Filing Date:	November 20, 2001
First Named Inventor	Mian et al.
Group Art Unit	1641
Examiner Name	
Attorney Docket No.	95.1408-JJJ

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	93/22053		Trustees of the University of PENN	11/11/93		
		WO	93/22058		Trustees of the University of PENN	11/11/93		
		EP	417,305	A1	Idemitsu Petrochemical Co. Ltd.	3/20/91		
		EP	616,218	A1	Hitschi, Ltd.	9/21/94		
		EP	305,210		Biotrack, Inc.	12/8/93		
		EP	322,657		Miles Inc.	7/5/89		
		GER	4,410,224		Gleich Anmelder	9/28/95		
		EP	637,367	B1	ABAXIS, Inc.	12/10/97		
		WO	95/33986		ABAXIS, Inc.	12/14/95		

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Anderson, "Analytical Techniques for Cell Fractions" (1968), <i>Anal. Biochem.</i> , 28: 545-562	
		Aoki et al., "Electrochemical Response at Microarray Electrodes in Flowing Streams and Determination of Catecholamines", (1990), <i>Anal. Chem.</i> , 62: 2208-2210	
		Arquint et al., "Micromachined Analyzers on a Silicon Chip", (September 1994), <i>Clinical Chemistry</i> , Vol. 40, No. 9, pp. 1805-1809.	

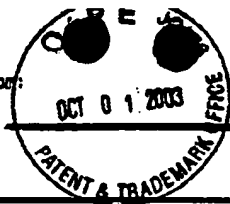
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	09/889,582
		Filing Date:	November 20, 2001
		First Named Inventor	Mian et al.
		Group Art Unit	1841
		Examiner Name	
Sheet	4	of	6
		Attorney Docket No.	95,1408-JJJ

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	7 ²
		Ballantine et al., "Surface Acoustic Wave", (June 1989), Anal. Chem., 61/11: pp. 704-715.	
		Bertrand et al., "A One-Step Determination of Serum 5'-nucleotidase using a centrifugal Analyzer", (1982), Clinica Chimica Acta, 119: 275-284.	
		Blackburn et al., "Electrochemiluminescence Detection for Development of Immunoassays and DNA Probe Assays for Clinical Diagnostics", (1991), Clin. Chem., 37/9: 1534-1539.	
		Bor Fuh et al., "Isolation of Human Blood Cells, Platelets, and Plasma Proteins by Centrifugal SPLITTING Fractionation", (1995), Biotechnol. Prog., 11: 14-20.	
		Burtis et al., "Optimization and Analytical Application of the Technique of Dynamic Introduction of Liquids into Centrifugal Analyzers", (1974), Clin. Chem., 20: 932-941.	
		Burtis et al., "Development of a Multipurpose Optical System for Use with a Centrifugal Fast Analyzer", (1975), Clin. Chem., 21/9: 1225-1233.	
		Cho et al., "Development of a Multichannel Electrochemical Centrifugal Analyzer" (1982), Clin. Chem., 28/9: 1951-1955.	
		Collison et al., "Chemical Sensors for Bedside Monitoring of Critically Ill Patients" (April 1990), Anal. Chem., 62/7: pp. 425-437.	
		Columbus et al., "Architextured" Fluid Management of Biological Liquids", (1987), Clin. Chem., 33/8: 1531-1537.	
		Dessy, "Waveguides as Chemical Sensors", (October 1989), Anal. Chem., 61/19: 1079-1084.	
		Ekins et al., "Multianalyte Microspot Immunoassay. The microanalytical 'compact disk' of the future", (1992), Ann. Biol. Clin., 50: 337-353.	
		Esashi et al., "Anodic Bonding for Integrated Capacitive Sensors" (July 1992), Proc. Micro. Electro Mechanical Systems, 11: 43-48.	
		Foucault, "Countercurrent Chromatography" (1991), Anal. Chem., 63:	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	09/989,582
		Filing Date:	November 20, 2001
		First Named Inventor	Mian et al.
		Group Art Unit	1841
		Examiner Name	
Sheet	6	of	6
		Attorney Docket No.	95,1408-JJJ

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Fritsche et al., "Enzymatic Endpoint Analysis of Glucose with the Hexokinase Method and the Union Carbide Fast Centrifugal Analyzer", (1975), Clin Biochem., 8: 240-246.	
		Glass et al., "Effect of Numerical aperture on signal level in cylindrical waveguide evanescent fluorosensors" (June 1987), Appl. Optics, 26/11: 2181-2187	
		Haab et al., "Single Molecule Fluorescence Burst Detection of DNA Fragments Separated by Capillary Electrophoresis" Anal. Chem., 1995, 67, 3253-3260.	
		Hadjiioannou et al., "Automated Enzymic Determination of Ethanol in Blood, Serum, and Urine with a Miniature Centrifugal Analyzer", (1976), Clin. Chem. 22/6:802-805.	
		Heineman, "Biosensors Based on Polymer Networks Formed by Gamma Irradiation Crosslinking", (1993), App. Biochem. Biotech., 41: 87-97.	
		Ikada, "Surface Modification of Polymers for Medical Applications", (1994), Biomaterials, 15/10: 725-736.	
		Lamture et al., "Direct Detection of Nucleic Acid Hybridization on the Surface of a Charge Coupled Device", (1994), Nucleic Acids Res., 22/11: 2121-2125.	
		Lee et al., "Automated System for Fractionation of Blood Samples" (1978), Clin. Chem., 24/8: 1361-1365.	
		Linlu et al., "Development of a Centrifuge Ball Viscometer for Polymer Melts", (1994), Rev. Sci. Instrum., 65/12: 3823-3828.	
		Nakagawa et al., "A Micro Chemical Analyzing System Integrated on a Silicon Wafer", Proc. IEEE Workshop of Micro Electro Mechanical Systems, pp.89.	
		Poole et al., "Instrumental Thin-Layer Chromatography", (January 1994), Anal. Chem., 66/1: 27A-37A.	
		Reijenga et al., "Effect of Electroosmosis on Detection in Isotachopheresis", (1983), J. Chromatography, 260: 241-254.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	09/889,582
		Filing Date:	November 20, 2001
		First Named Inventor	Mian et al.
		Group Art Unit	1841
		Examiner Name	
Sheet 6 of 6	Attorney Docket No.	95,1408-JJJ	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS			
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BJS		Renos et al., "A Versatile Minidisc Module for a Centrifugal Analyzer" (1974), Clin. Chem., 20/8:955-960.	
BJS		Rosenzweig et al., "Laser-Based Particle-Counting Micromunoassay for the Analysis of Single Human Erythrocytes" (1994), Anal. Chem., 66: 1771-1776	
BJS		Schembri et al., "Portable Simultaneous Multiple Analyte Whole-Blood Analyzer for Point-of-Care Testing" (1992), Clin. Chem., 38/9: 1665-1670	
BJS		Shoji & Esashi, "Micro flow cell for blood gas analysis realizing very small sample volume" (1992), Sensors and Actuators, B9: 205-208.	
BJS		Wilding et al., "Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon" (1994), Automat. Anal. Tech., 40: 43-47.	
BJS		Wilding et al., Manipulation and Flow of Biological Fluids in Straight Channels Micromachined in Silicon (1994), Clin. Chem., 40/1: 43-47.	

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